

A.N.A.R.T.S. News Bulletin 1413 for 10th of September
2006

Views expressed in this news bulletin are not necessarily

those of the Broadcast Officer,
the Relay Officers, or of

the Society.

Items in this broadcast include

1. Cols column
2. IPS REPORT
3. VK2SG RTTY DX report
4. OPDX News
5. Anarts Information

Col's
Column

Sorry I missed last weeks broadcast, due to family commitments.

I will repeat last weeks column
to make amends.

Propagation of Radio Waves.

Ionospheric Irregularities.

2. Sporadic E.

Sporadic E layer conditions cause the E layer to refract
radio waves above

the normal E layer MUF and at
times even well above the F2 layer MUF.

The nature and cause of the Sporadic E phenomena is not
as yet understood,

although it is believed in some
quarters to be caused by Meteors.

During the daytime in the lower latitudes, Sporadic E conditions
usually

bring about a weak and partial
refraction of all frequencies up to 10-15 Mhz,

with the remainder of the energy of the wave being
refracted from the higher

layers. At higher latitudes,
Sporadic E generally results in almost total

refraction of all sky wave

signals by the E layer, this condition being

noticeable during both day and night.

Not only does Sporadic E affect HF transmissions, but on occasions causes

VHF contacts over considerable distances on frequencies up to about 60 Mhz.

Next week Sudden Ionospheric Storms (SID's).

As you know, I shall be leaving Australia in October for at least a year.

If you are able to do one of the following, ANARTS is looking for you.

1. We need a Relay Officer to transmit ANARTS RTTY Broadcast on Sunday

mornings. The cast is approximately 30 to 40 mins in duration. The cast would

be sent to you on Saturdays by Email. If you are at all interested please

contact either Pat VK2JPA or myself VK2CTD at the addresses shown at the

end of this broadcast.

2. We will also need a Contest Manager to oversee ANARTS WW RTTY Contest,

which is very popular with overseas stations. This year approximately 400

entries were received by Email, and probably 1500 Amateurs around the World

took part. You do not need to do any Transmitting or Receiving.

The logs are converted into ANARTS format by a converter program and then

can be put through a checking program that checks the log and provides the

Manager with several pieces of information, including the number of QSO's,

Points, Multiples, Continents worked and the Grand Total Points scored by

each Contester, plus much, much more. The Contest is held each year in June.

If you would like to try this task, you will be provided with the programs

involved and some tuition. If
you are at all interested in RTTY and its

related digital modes, you will
really enjoy taking part in either of these

two activities, and for the
Contest Managers job you do not need to be in

Sydney, anywhere in Australia will
be fine as contact can be via Emails.

Hope to hear from you

73's Col VK2CTD.

ANARTS WW RTTY Contest 2006.

Here are the first ten places for the Single Operator
Category.

CALL	QSO	VK	GRAND		
SIGN	QSO'S	POINTS	MULT	CONT	BONUS TOTAL AWARD
1. RD3A	1,326	14,467			
289 6	1,000	25,086,778	1ST	WORLD,	1ST EUROPE, 1ST UA
2. 7X0RY	1,337	14,612			
237 6	100	20,778,364	2ND	WORLD,	1ST AFRICA, 1ST 7T
3. ZL2AMI	547	21,221			
145 6	2,100	18,464,370	3RD	WORLD,	1ST OCEANIA, 1ST ZL
4. JA6GCE	672	13,882			
177 6	1,300	14,743,984	4TH	WORLD,	1ST ASIA, 1ST JA6
5. SP4MPG	1,066				
9,210	252	6			
1,700	13,927,220		5TH	WORLD,	2ND EUROPE, 1ST SP
6. K4GMH	869	10,518			
184 6	1,200	11,613,072	6TH	WORLD,	1ST N. AMERICA, 1ST K4
7. SP4TXI	811				
7,533	215	6			
800	9,718,370		3RD	EUROPE,	2ND SP
8. ZL4BR	368	13,433			
118 6	2,700				
9,513,264			2ND	OCEANIA,	2ND ZL
9. UA3QDX	822				
7,168	215	6			
500	9,247,220		2ND	UA	

10. JF1PJK 451
9,647 147 6
800 8,509,454 2ND ASIA,
1ST JA1

The complete list is almost ready for publication to the
RTTY Reflector

and to ANARTS Web Site.

IPS Weekly and Geophysical Report for 1/7th Sep

SUMMARY

Date 01 02 03
04 05 06 07

10cm flux 77 76 77
79 80 84 87

AFr index 8
6 6
15 7 6 6 est

Aaus index 11
6 6 14
8 6 7 est

T index 9 8 14
19 21 15 16

Solar flare activity was low on 1st; and very low
thereafter.

Geomagnetic activity observed for the Australian Region
was quiet to

unsettled
on 1st and 5/7th quiet on 2/3rd and unsettled to active on 4th.

Australian Ionospheric F2 critical frequencies were near
predicted to 20

percent enhanced on 1st and 5th
and near predicted otherwise.

Forecast for 8/14th Sep

Solar activity should be very low to low.

Geomagnetic activity should see quiet to unsettled
conditions.

Frequencies should be near predicted monthly values.

courtesy of the IPS Radio and
Space Services

summary by Pat VK2JPA ANARTS
Broadcast Officer

VK2SG RTTY DX NOTES WEEK ENDING 7 SEP

This week our information came from AA5AU GU0SUP I5FLN
DJ3IW UT5RP

0H2AQ DX Summit and NG3K. Thank
you all!

Friday 1

0002-14079 3XM6JR

0030-21089 CX4SS

0035-14084 TI2KAC

0052-14087 ZP6EM

1345-14089 BD3APX

1410-14090 HZ1IK

1430-14082 5B4AGE

1515-14083 E21YDP

1630-14089 TX5NK

1709-14085 SV9/SV8DTL

1730-14081 3XM6JR

1822-14082 7X0RY

1827-14083 XU7ABN

1930-14083 C02IZ

2038-14085 9G1UW

2105-14088 TX5NK

2132-14088 6W1SE

2141-14275 CN8SG

2143-14083 PJ2/LU1DY

2204-14084 HC5T

2209-14087 FM5AA

2247-14083 EA6BH

2247-14086 ZP8AE

2355-14080 3XM6JR

Saturday 2

0007- 7044 7X0RY

0016-14080 HK6PSG

0201- 3590 7X0RY

0256-14097 VR2BG
0316- 7032 TF3KX
0319-21081 YB2ECG
0344-14086 F05PS
0443-14096 ZC4LI
0630-21086 VQ9LA
0734-14074 T93Y
0756-28089 Z36W
0813-14084 UN1EE
0833-14089 H2E
0900-21091 A45WD
0935-28081 7X0RY
0956-21088 TU5JM
0958-21088 UN6G
1021-21081 UP6P
1028-14089 9V1UV
1038-14085 GD0TEP
1048-14093 ZC4LI
1215-14091 TF/D03MSH
1252-14108 TF3KX
1355-14085 C02IZ
1520-14096 E21YDP
1610-14080 A45WD
1615-14096 3A2MW
1912- 7030 4X6UU
1941-14086 CN8LI
1942-14087 KP4FKN
2042-10144 6W1SE
2125-14086 9G1UW
2128- 7039 7X0RY
2130- 7043 HZ1IK

2144-14077 8P6SH

2247-14092 LW9ETQ

2330- 7044 NP4BM

1331- 7034 HK6PSG

1334-14087 HR2/LU1DY

1346-14082 HP1AC

Sunday 3

0008-14080 CX4AAJ

0132- 7040 PZ5RA

0633-14085 5B4AHL

0658-14083 4Z4DX

0743-14083 4Z5PM

0837-14084 R860T

1314-14087 UN1EE

1321-18102 ZS6SIG

1338-18081 VP8DIC

1357-14083 HS0ZBS

1412-18103 PZ5RA

1501-18105 HK6PSG

1513-14087 HZ1IK

1640-14089 7P8DJ

1724-14085 9G1UW

1745-14087 EF8RHG

1746-14081 ZS2EZ

1958-14090 TX5NK

2100-10144 6W1SE

2308-14084 6Y5WJ

2346-10134 YV5YMA

Monday 4

1003-14082 EF8RHG

1200-14082 KP4ED

1257-14083 CN8SG

1415-14086 HS0ZBS
1429-14086 7P8DJ
1437-14085 R860T
1451-14091 TX5NK
1458-14087 3B9FR
1513-14087 TF3GC
1524-14084 VK6DU
1525-14086 7P8DJ
1531-14082 6K2DFG
1536-14086 VU2WMY
1539-14091 TX5NK
1603-18077 ZS6WN
1614-14082 EX15ID
1614-14083 UN7QN
1726-14086 CU2AF
1735-18101 VQ9LA
1757-14083 SV5/SV1LK
1808-10137 7P8DJ
1935-14086 9G1UW
1958-14090 TK5NK
2041-14088 EF8RHG
Tuesday 5
0115-14088 XQ1KY
0240-14081 UN1EE
0850-21083 7P8DJ
1017-14085 R860T
1026-21090 TX5NK
1137-14083 EF8RHG
1155-21080 6K5AYC
1222-18102 7P8JF
1249-14088 9K2CQ

1350-14083 IS0AFM

1436-14086 HZ1IK

1508-14081 7P8JF

1513-14085 TF3GC

1602-14086 EF8RHG

1650-14087 UN8PIM

1713-10138 7P8W0

1831-14081 EK6TA

1848-14089 CU2AF

1942-10140 TX5NK

1952- 7040 VQ9LA

2107-14086 HK4QHD

2245-14080 TI2CCC

2305-10134 YV5YMA

2319-14083 HR2/LU1DY

2348-14088 6Y5WJ

Wednesday 6

0009-14088 6Y5WJ

0906-21083 7P8JF

0954-14083 XU7ABN

1041-14080 SV5/PA3GCV

1110-18100 VQ9LA

1204-14086 9K2CQ

1219-14087 UN8PIM

1429-14089 TX5NK

1444-14083 HS0ZBS

1458-14083 6K2DFG

1502-14087 EX8AB

1512-14084 EF8RHG

1528-14080 SV5/PA3GCV

1634-14078 7P8DJ

1819-14086 CU2AF

1832-14089 TX5NK

2038-14083 9G1UW

2049- 7037 TX5NK

2134-14087 6Y5WJ

2200-14093 HC5T

2225-14086 ZL3RG

2353-14088 XQ1KY

Thursday 7

0006-14083 XU7ABN

0022- 7037 TX5NK

0034-14082 HP1DCP

0833-18101 EK6TA

0859-18100 7P8DJ

0921-18100 9K2YM

1115-24920 7P8JF

1239-14086 EF8RHG

1431-14082 SV5/SV1LK

1521-14086 7P8JF

1536-14085 FM5WD

1539-14084 TF3GC

1540-14082 VK6DU

1555-14087 EX8AB

1559-14090 HZ1IK

1739-10138 7P8DJ

1912-10140 TX5NK

2037-14084 FM5AA

2100-14087 9G1UW

2112-14080 CT3DL

2204-14083 OX3WM

2243-14081 CE1VCZ

Notes of Interest

Canary Islands, EA8 -
DH5JG should be active as EA8/DH5JG until Sep 12.

QSL via home call.

Lesotho,
7P - The group currently operating RTTY are expected to continue
until Sep 12. QSL
via DL7JAN.

Market Reef, OJ0 - A group of Norwegian amateurs is
expected to be active

as OJ0LA Sep 8-14. QSL via LA9VDA.

Mayotte
Island, FH - TX5T should
continue to be active on RTTY until Sep 11.

QSL via DJ8NK.

The VK2SG RTTY DX NOTES are distributed every week via
the Winlink network

and are also available on the
Internet at URL

<http://mailman.qth.net/pipermail/vk2sg-rtty/>

and the digital-dx reflector. To subscribe to the digital-dx reflector
send an e-mail message to majordomo at mla.nifty.ne.jp as follows:

Subject:(blank) Message

Body:

subscribe digital-dx

For next weeks bulletin send your bandpass
and notes of interest to

Phil GU0SUP pcooper at
guernsey.net

GL with RTTY DXing Don AA5AU

The Ohio/Penn DX Bulletin No. 774 - excerpts

5A, LIBYA
(Update OPDX.765)

Andy DJ7IK Team Coordinator for the DXpedition
to Libya
informs OPDX that

there is an appeal for
funds/hardware and equipment for setting up a club

station in Tripoli. In addition to funds the team needs
transceivers

microphone headphones (or headset) morse key GP-vertical coax cables and

antenna wire. An international team will activate Libya between Nov 15-29th.

The callsign will be 5A7A. Activity will be on all bands with CW and SSB

and for the first time ever digital modes on RTTY SSTV and PSK plus another

first will be FM. Club and personal sponsors are welcome. If you can help

out with a donation please contact the 5A7A team at 5a7a at gmx.de Please

visit their Web page to see their sponsors page at <http://5a7a.gmxhome.de>

9H, MALTA

Several members of the Dutch Vereniging van Radio Zend Amateurs (VRZA) will be

active from Qawra (JM75fw) on Malta (EU-023), starting the evening of Sep 9

thru the morning of Oct 3. The callsign for the group will once again be

9H0VRZ. However group members will also use their individual 9H3 callsigns,

activity will be on all bands from 80-6M CW SSB and Digital modes. They will

try to activate their special callsign 9H0VRZ for the whole period and hope

for good conditions. Also they will try to be active during the WAE-SSB

Contest with their VERY special callsign 9H9PA on 20M ONLY for stations outside

Europe on Sep 9-10. DX stations are asked to show some patience since many of

the operators are inexperienced in working/giving QTCs.

D0, GERMANY (Novices now on the air!)

As of Sept 1 2006 German 'D0' prefix stations (CEPT Novice class E) are allowed

to transmit on some HF bands. Look for them on the following bands:

1810-1850 kHz with 100 W PEP 80/15/10 meters band with 100 W PEP

1850-1890 kHz with 75 W PEP 2m/70cm with 75 W PEP

1890-2000 kHz with 10 W PEP 10 GHZ with 5 W PEP

German class A's are allowed to
transmit now even on 7100-7200 kHz with 250W

PEP and on 50 MHz.

IOTA NEWS

EU-008. The Sands Contest Group
will activate the Isle of Mull from Sep 24-29.

They hope to be operational on most modes and most HF
bands. The callsign to be

used will be the club call
MS0SCG.

OH0, ALAND ISLANDS

Hadi DJ2PJ will be active as
OH0JWH again from Eckeroe Island
(EU-002) Sep 26

until Oct 8. His focus will be
on the low bands especially 160M. Modes will be

CW and everything except SSB (Hadi
states he is microphone allergic) even

OLIVIA CONTESTIA etc. QSL via DJ2PJ by the bureau or
direct using the QRZ.COM

address. Email bureau requests
with log extract are also welcome and go to

oh0 AT dj2pj.de This is a
holiday operation with plenty of ham radio. Visit

Hadi's Web page for more details
and pictures at <http://www.dj2pj.de>

P4, ARUBA

Larry W00Z will operate as P40LL from Sep 30 thru Oct 6.
Activity will be on

80-10M CW SSB and perhaps RTTY. QSL via W00Z.

TA4, TURKEY

Sei JF1SQC/KH0DQ will active as
TA4/KH0DQ from Sep 9-15. Activity will be on

all HF bands with 100w on SSB CW
and possibly RTTY. He will also participate

in WAE SSB Contest. QSL via JF1SQC.

TK, CORSICA (EU-014)

Members of the 'Dx4Dx Team' will operate from here between Sep 28 and Oct 5th.

Callsigns have not yet been announced.
Activity will be on 160-10M including

the WARC bands SSB CW RTTY and
PSK. Operators mentioned are Pere/EA3CUU

Paco/EA4BT Emilio/EA7AAW Julio/EA7JB
Jose/EA7LS and Ramon/EB4EPJ. QSL via EA4BT

direct or by the bureau. Visit
Dx4Dx Web page at <http://www.dx4dx.com>

V3, BELIZE

Larry W00Z will be active as V31LL Oct 7-21. Activity
will be on 80-10M CW SSB

and perhaps RTTY. QSL via W00Z.

XF4, REVILLAGIGEDO

A Mexican and German team of operators are planning a DXpedition to Socorro

Island (NA-030 in the Revillagigedo
Islands group to take place Oct 17/Nov 3.

The announced callsign will be XF4DL and the team members
mentioned are

Joe/DF7TH Gerhard/DJ5IW Franz/DJ9ZB Karl/DK2WV
Dietmar/DL3DXX Juergen/DL8LE

Markus/DL9RCF Ismael/XE1AY Fabian/XE1FRF
Daniel/XE1FXF Saul/XE1FXM Victor/XE1FXZ Rafael/XE1GRR Parcival/XE1HBU
Margarito/XE1MMB Yuri/XE1UN and Hector/XE2K.

Activity will be on all bands CW SSB Digital EME and the
satellites. QSL via

N6AWD for North-America and DL9NDS for
the rest of the world. Visit Web page at

<http://www.xf4dl.xedx.org/>

The Society can be contacted in the following ways

To Pat VK2JPA via patleeper at optusnet.com.au or

Col VK2CTD via ctdavies at bigpond.net.au
or

you can drop a line to PO Box 93
Toongabbie NSW 2146.

73's from Pat VK2JPA broadcast Officer

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